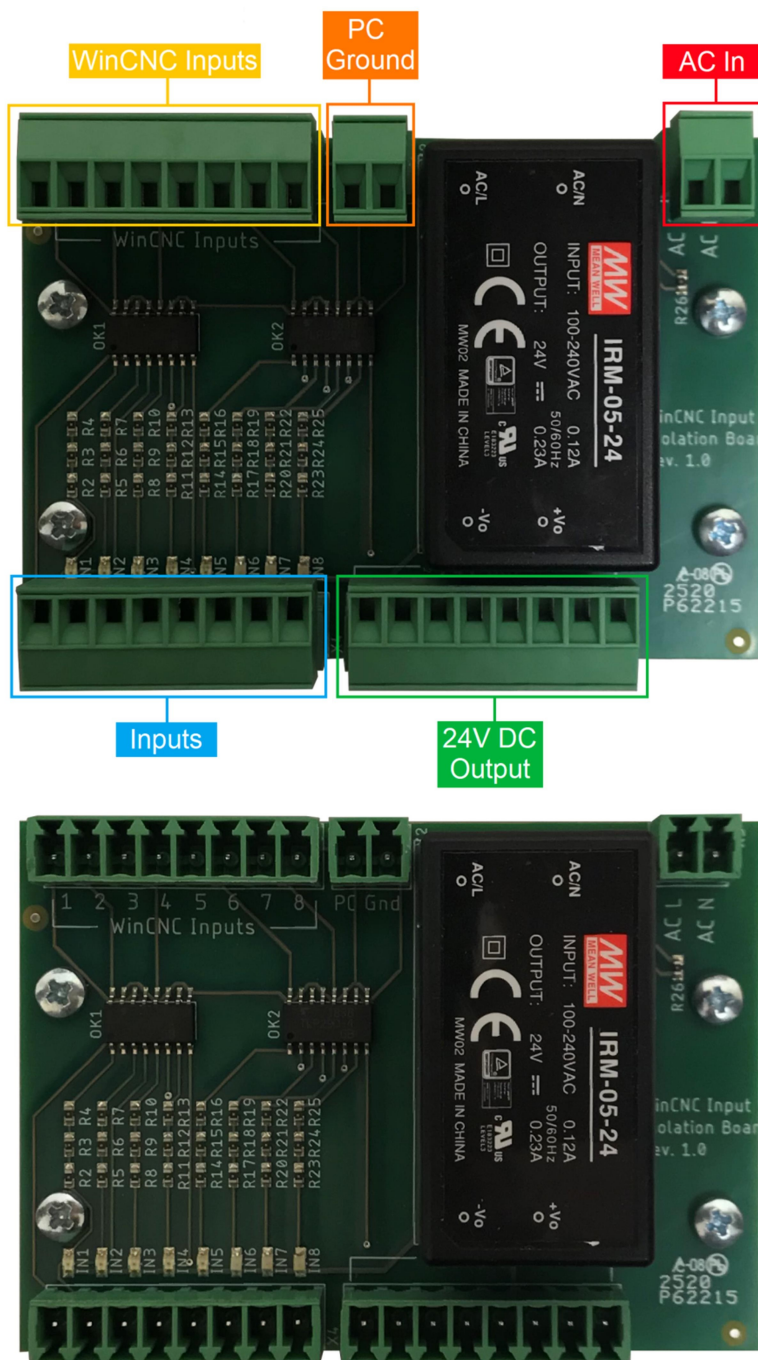


Introduction

This document will outline the installation of an 8 channel input isolation board on your CNC machine controlled by WinCNC.

8 Channel Input Isolation Board



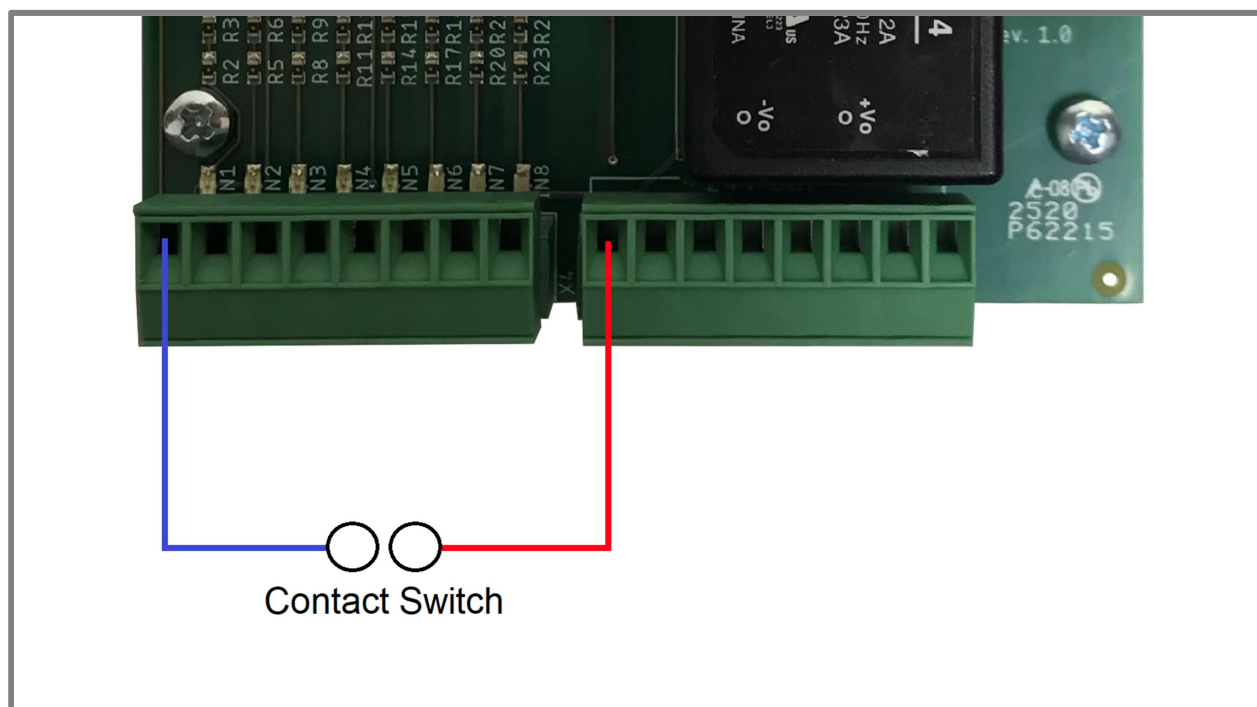
Pictured above is the 8 channel input isolation board. It features eight fully isolated input channels accessed through removable screw terminals, an on-board 24VDC power supply, and DIN rail mount. The board can be connected to any available input pin on CN1 and/or CN2.

Power Connection

The board can be powered by wiring 110~220V AC to the AC In screw terminal located in the upper right corner of the board.

Input Wiring

Any 24V DC compatible contact switches or signals can be used with the 8 channel input isolation board and conveniently powered from the on-board power supply. The switch would wire as shown in the diagram below to a 24V DC output terminal and an input terminal. Any available input on CN1 and/or CN2 could then be connected to the corresponding WinCNC input terminal.



Ground Wiring

Ground is pin #36 on CN1 and pin #21 on CN2 and would wire to the PC ground terminals, and either of the terminals can be used.

Size Specifications

